



ATID Application Development Framework ReferenceManual –Bluetooth

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Acronym

modules	descriptions
AADF	ATIDApplication Development Framework
PIN	Personal Identification Number

Revision History

Version	Date	Reason	Description	Author
0.1	2012/01/26	Draft		Y. J. CHO
0.2	2013/01/27	Update		Y. J. CHO

1 .NET API Reference

1.1 Enumerations

1.1.1 BT_RESULT

The result of a call to functions.

- **BT_RESULT_SUCCESS**
Function execution success.
- **BT_RESULT_INVALID_ARGS**
Invalid parameter.
- **BT_RESULT_OUTOFMEMORY**
Failed to assign memory
- **BT_RESULT_UNSUPPORTED**
Unsupported command.
- **BT_RESULT_ALREADY_OPENED**
Bluetooth port has been opened.
- **BT_RESULT_NOT_OPENED**
Calling function without Open Port.
- **BT_RESULT_FAILURE**
Function execution failed.
- **BT_RESULT_INVALID_DEVICE**
Bluetooth module didn't install.

1.2 Methods

1.2.1 GetPowerEnable

Check whether the Power supplied to the Bluetooth device.

```
BT_RESULT GetPowerEnable(  
    ref bool isEnabled  
);
```

Parameters

isEnabled

the Parameter which will save the power state value.(On:True, Off:False)

Return Values

BT_RESULT_SUCCESS will be returned if performed successfully, and the results will receive by using registered Callback function.

Notes

Only in support of Windows CE.

1.2.2 PowerEnable

Turn on or off the Bluetooth device's power.

```
BT_RESULT PowerEnable(  
    bool isEnabled  
);
```

Parameters

isEnabled

TRUE: Power ON, FALSE: Power OFF

Return Values

BT_RESULT_SUCCESS will be returned if performed successfully.

Notes

Only in support of Windows CE.

2 C/C++ API Reference

2.1 Enumerations

2.1.1 BT_RESULT

The result of a call to functions.

- **BT_RESULT_SUCCESS**
Function execution success.
- **BT_RESULT_INVALID_ARGS**
Invalid parameter.
- **BT_RESULT_OUTOFMEMORY**
Failed to assign memory.
- **BT_RESULT_UNSUPPORTED**
Unsupported command.
- **BT_RESULT_ALREADY_OPENED**
Bluetooth port has been opened.
- **BT_RESULT_NOT_OPENED**
Calling function without Open Port.
- **BT_RESULT_FAILURE**
Function execution failed.
- **BT_RESULT_INVALID_DEVICE**
Bluetooth module didn't install.

2.2 Methods

2.2.1 BtGetPowerStatus

Check whether the Power supplied to the Bluetooth device.

```
BT_RESULT BtGetPowerStatus(  
    BOOL* pbEnabled  
);
```

Parameters

pbEnabled

the Parameter which will save the power state value..(On:True, Off:False)

Return Values

BT_RESULT_SUCCESS will be returned if performed successfully.

Notes

Only in support of Windows CE.

2.2.2 BtPowerEnable

Turn on or off the Bluetooth device's power.

```
BT_RESULT BtPowerEnable(  
    BOOL bEnable  
);
```

Parameters

bEnable

TRUE: Power ON, FALSE: Power OFF

Return Values

BT_RESULT_SUCCESS will be returned if performed successfully.

Notes

Only in support of Windows CE.